No.

THE UNIVERD SHAYES OF AVIERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME;

Seminis Aegetable Seeds, Inc.

There has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE HTTO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR TING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE URPOSE, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROPAGATION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PFA

"Ice Pack"

In Vertimony Alexent, I have hereunto set my hand and caused the seal of the Plant Pariety Arotection Office to be affixed at the City of Washington, D.C. this fifteenth day of March, in the year two thousand and five.

Attest:

OM Jun Commissioner

Commissioner Plant Variety Protection Office Agricultural Marketing Service ry of Agriculture

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the F application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$3,652 (\$432 filing fee and \$3,220 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initiated and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

> **Plant Variety Protection Office** Telephone: (301) 504-5518 FAX: (301) 504-5291

Homepage: http://www.ams.usda.gov/science/pvpo/pvp.htm

ITEM

- 18a. Give:
- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;
- (3) evidence of uniformity and stability; and
- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
 - (1) identify these varieties and state all differences objectively;
 - (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
 - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 19. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 22. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 23. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.
- 21. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 22. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)
- 23. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center--East, Beltsville, MD 20705. Telephone: (301) 504-8089. http://www.ams.usda.gov/lsg/seed.htm

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 3.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer

EXHIBIT A

Origin and Breeding History of XP 08500595, Garden Pea

may 1-10-05

08500595 was developed at Seminis's Western Breeding Station (WBS), Filer, Idaho, by pedigree selection from a population developed by backcrossing the allele for afila foliage into the variety Cabree, with Arise as the source of the *af* alelle for afila. Both Cabree and Arise are Seminis varieties. The crossing and selections were made as follows:

12-14-1992	Planted Arise and Cabree in the greenhouse at WBS. Crosses made				
6-16-1993	Planted F1 and Cabree in the gh at WBS. Made BC1.				
9-29-1993	Planted BC1F1in the gh at WBS. Allowed to self.				
2-7-1994	Planted BC1F2 in the gh at WBS. Selected afila plants and allowed them to self.				
6-15-1994	Planted BC1F3 afila plants and Cabree in the gh at WBS. Made BC2.				
10-3-1994	Planted BC2F1 in the gh at WBS. Allowed to self.				
4-4-1995	Planted BC2F2 in the field at WBS. Selected individual afila plants.				
4-4-1996	Planted BC2F3 in the field at WBS. Selected individual afila plants.				
4-3-1997	Planted BC2F4 in the field at WBS. Selected individual afila plants				
4-10-1998	Planted BC2F5 in the field at WBS under the under the number R98 1208.				
	Selected this line for earliness, for vigorous, productive, afila foliage plants and for dark green berry color Observations during the growing season indicated the				
	line was uniform and stable. Subsequent increases of 08500595 trace to the bulk				
	of R98 1208				
4-13-2000	Planted a bulk increase of 08500595 in the field at WBS under the number RWL				
	055. Made 400 random individual plant selections.				
4-11-2001	Planted about 400 individual progenies in the field at WBS under the number				
	RWG 209. Observations during the growing season confirmed 08500595 is				
	uniform and stable, and all the progenies were harvested as one bulk.				

Selection criteria in the field represent a balance of characteristics related to productivity and quality and to goodness to fit for market needs such as: earliness; vigorous, afila plants with good standing ability; dark green processed color; and good yield potential.

Observations during the two (2) years of 1998 and 2001 confirm 08500595 is uniform and stable within commercially acceptable limits. As is true with other garden pea varieties, a small percentage of off-types can occur within commercially acceptable limits for almost any characteristic during the course of repeated multiplications. No variants are known to occur.

EXHIBIT B

Novelty Statement Concerning 08500595 Garden Pea

M4 4 1-10-05

08500595 is an early maturing medium-large sieve freezer pea with an afila foliage plant. To our knowledge the variety most similar to 08500595 is Cabree. The comparative characteristic that best distinguishes the two includes, but may not be limited to, afila foliage: 08500595 carries the *af* allele for afila foliage, whereas Cabree carries the *Af* allele for normal foliage.

FORM APPROVED: OMB NO. 0581-0055

UNITED STATES DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE

Science Division
NATIONAL AGRICULTURAL LIBRARY
BELTSVILLE, MARYLAND 20706 OBJECTIVE DESCRIPTION OF VARIETY EXHIBIT C (Pca)

PEA (PISUM SATIVUM) VARIETY NAME OR TEMPORARY DESIGNATION Seminis Vegetable Seeds, Inc. Ire Pack 08500595 ADDRESS (Street and No. or R. F.D. No., City, State, and ZIP Code) FOR OFFICIAL USE ONLY MALE 2700 Camino del Sol PVPONUMBER Oxnard, CA 93030-7967 Place the appropriate number that describes the varietal character in the boxes below. Place a zero in first box (e.s. 0 8 9 or 0 9) when number is either 99 or less or 9 or less. 1. TYPE: 1 1 - GARDEN 2 - FIELD 3 . EDIBLE-PODDED 2. MATURITY: Heat Units No. of days to processing Node number of first bloom: No. of days findier than 1 - ALASKA WR 2 - THOMAS LAXTON WR 3 = LITTLE MARVEL 4 = WANDO 5 = ALDERMAN WR 6 = AUSTRIAN WINTER No. of days Later than . 3. PLANT HEIGHT: CM. HIGH 0 10 2 - THOMAS LAXTON WR 1 = ALASKA WR 3 = LITTLE MARVEL Cm. Shorter than 0 3 6 = AUSTRIAN WINTER 5 = ALDERMAN WR 4 = WANDO Cm. Taller than . 4. VINE: 3 = HEAVY (Alderman) 1 = SLIM (Alaska) 1 1 = DETERMINATE 2 = INDETERMINATE Stockiness: 2 = MEDIUM (Thomas Laxton WR) Habit: 3 = MORE THAN 2 BRANCHES (Dwarf Gray Sugar) 2 Branching: 1 = NONE (Alaska) 2 - 1-2 BRANCHES (Little Marvel) 2 1 NUMBER OF NODES Internodes: 1 = STRAIGHT 2 = ZIG ZAG 5. LEAFLETS: Afila 3 - DARK GREEN (Alderman) 1 = LIGHT GREEN (Alaska WR) 2 = MED, GREEN (Thomas Laxton WR) Color: 4 = OTHER (Specify) 1 - NOT MARBLED 2 = MARBLEO (Alaska) Wax: 1 - NONE 2 - LIGHT 3 - MEDIUM 4 - HEAVY 4 = THREE OR MORE 2 = ONE 3 - TWO 1 " NOT PAIRED Number of leaflet pairs: 6. STIPULES: 1 - NOT CLASPING 2 = CLASPING 2 1 = LACKING 2 = PRESENT 1 - SMALLER 2 = SAME Size (Compared with leaflets): 1 - NOT MARBLED 2 - MARBLED 3 = LARGER -2 = SAME 3 = DARKER Color (Compared with leaflets): 1 = LIGHTER 7. FLOWER COLOR: 3 - LAVENDER 2 - GREENISH 1 - WHITE

1.

KEEL

6 - RED

4 - PURPLE

6 - OTHER (Specify)

STANDARD

VENATION

8. PODS:						
1 - STRAIGHT 2 - SLIGHTLY CURVED 2 Shape: 3 - CURVED 2 End: 1 - POINTED (Alderman) 2 - BLUNT (Alaska)						
	IT GREEN (Alaska WR) 2 - MEDIUN ER (Specify)	GREEN 3 - DARK GREEN (Aldern	nen}			
2 Surface: 1 = S	MOOTH 2 * ROUGH	2 Surface: 1 = SHINY 2	- DULL			
	INGLE 2 - DOUBLE 3 - SING OUBLE & TRIPLE 6 - TRIPLE	LE AND DOUBLE 4 = SINGLE, DO 7 - OTHER (Specify)	UBLE, & TRIPEE			
6. 7 CM. LENGTH		1 MM. WIDTH (Between sutures)	0 7 NO. SEEDS PER POO			
9. SEEDS (95-100 Tenderor	neter):					
3 Color: 1	LIGHT GREEN 2 - GREEN 3 -	DARK GREEN 4 - OTHER (Specify	1			
Selve: % 1 1	8 3 2 3 6 0		3. 0 2			
SEEDS (Dry, Mature):						
		•	• *			
1 Shape: 1 - FL	ATTENED 2 = ANGULAR 3 = 0	OVAL 4 = ROUNDED				
L	OOTH 2 - DIMPLED	2 Surface: 1 = SHINY	2 = DULL			
1 Color Pattern:	1 = MONOCOLOR 2 = MOTTLED	3 - STRIPED 4 - DOTTED				
2 Primary Color:	1 = CREAMY-WHITE 2 = CREAM		•			
Secondary Color:	5 = DARK GREEN 6 = BLUE-GRE 10 - GRAY 11 = BLACK	EEN 7 - YELLOW 8 - BROWN	9 = RE <i>D</i>			
Hilum Floor Color:	1 - WHITE 2 - TAN 3 - BLACK	1 Catyledon Color: 1 = GREEN	I 2 = YELLOW 3 = ORANS			
1 9 GRAMS PER 100	SEEDS					
10. DISEASE: (0 = Not Torter	; 1 = Susceptible; 2 = Resistant)					
10. Disease: 10 - 101 18160	, 1 - Susceptible, 2 - Nessanti					
2 FUSARIUM WILT		1 NEAR-WILT	DOWNY MILDEW			
0 ASCOCHYTA BLIGH	!Σ	1 POWDERY MILDEW	0 BACTERIAL BLIGHT			
0 MOSAIC		0 PEA ENATION MOSAIC	2 YELLOW BEAN MOSAIC			
OTHER (Specify)						
11. INSECT: (O= Not Tested;	1 = Susceptible; 2 = Resistant)					
0 APHIDS		OTHER (Specify)				
12. INDICATE WHICH VARIE	TY MOST CLOSELY RESEMBLES THA	T SUBMITTED				
CHARACTER	NAME OF VARIETY	CHARACTER COSA	NAME OF VARIETY			
Lealiness	Arise	Frush Seed Color	Cabree			
Leaf Color	Arise	Mature Seed Color	Cabree			
Poul Color	Cabree	Seed Shape	-Cabree			
Pod Shape	Cabree	Plant Habit	Cabree			
COLUMN TO	and the second s	and the control of th				

Variety Name or Temporary Designation:

'Ice Pack'

MAH 1-10-05

APPENDIX OBJECTIVE DESCRIPTION OF VARIETY PEA (Pisum sativum)

08500595

LEAFLET CHAF	RACTERISTICS:				
2 Leaflet Type:	1=Leafless 2=Ser	ni 3=Normal			
TIPULE CHAR	ACTERISTICS:				
Color: 1=Light-Gree	en 2=Medium-Gree	n 3=Dark-Green	4=Blue-Green 5=Y	ellow-Green 6=Oth	ner
-		f similar specified colo	r or check varieties an	d stipule color.	
Variety Name	Stipule Color	Variety Name	Stipule Color	Variety Name	Stipule Color
Cabree	Medium				
		=Large f similar specified size	or check varieties and	stipule size.	
Variety Name	Stipule Size	Variety Name	Stipule Size	Variety Name	Stipule Size
Cabree	Medium				
				identification	
THER CHARA	ACTERISTICS: D	escribe other characte	eristics that may aid in	I Identineation.	
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REPRODUCE LOCALLY. Include form number and edition date on al	FORM APPROVED - OMB No. 0581-0058			
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).			
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	3. VARIETY NAME		
Seminis Vegetable Seeds, Inc.	OR EXPERIMENTAL NUMBER XP 08500595	'Ice Pack' ma		
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (Include area code)	6. FAX (Include area code)		
2700 Camino del Sol Oxnard, CA 93030-7967	(805) 647-1572	(805) 918-2545		
	7. PVPO NUMBER			
	9 0 0	400112		
8. Does the applicant own all rights to the variety? Mark an "X" in the	e appropriate block. If no, please expla	in. YES NO		
9. Is the applicant (individual or company) a U.S. national or a U.S. b	pased company? If no, give name of co	ountry. YES NO		
10. Is the applicant the original owner?	NO If no, please answer one	of the following:		
a. If the original rights to variety were owned by individual(s), is (YES b. If the original rights to variety were owned by a company(ies), YES	NO If no, give name of count	ry sed company?		
11. Additional explanation on ownership (Trace ownership from origin	nal breeder to current owner. Use the re	everse for extra space if needed):		
The variety named in this application was developed by the Semi- otherwise stated, all rights to the varieties developed by Seminis operation of law. No rights to such invention, discovery or developed	Vegetable Seeds, Inc. are assigned to the	e Company by agreement or by		
Employee (Breeder): David Webster				
Site Location: Filer, ID				
PLEASE NOTE:				
Plant variety protection can only be afforded to the owners (not licens	sees) who meet the following criteria:			
If the rights to the variety are owned by the original breeder, that penational of a country which affords similar protection to nationals of	erson must be a U.S. national, national of the U.S. for the same genus and speci	of a UPOV member country, or es.		
If the rights to the variety are owned by the company which employ nationals of a UPOV member country, or owned by nationals of a c genus and species.	ved the original breeder(s), the company country which affords similar protection t	must be U.S. based, owned by o nationals of the U.S. for the same		
3. If the applicant is an owner who is not the original owner, both the	original owner and the applicant must m	eet one of the above criteria.		
The original breeder/owner may be the individual or company who dir Act for definitions.	rected the final breeding. See Section 4	1(a)(2) of the Plant Variety Protection		
According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor,	and a person is not required to respond to a collection	n of information unless it displays a valid OMB		

including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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